

Almaq

Plant extract-based resistance inducer

NP 3-30 organo-mineral fertilizer in suspension

ALMAQ is a resistance inducer based on naturally derived substances and highly concentrated mineral components, capable of activating and accelerating the plant's endogenous resistance mechanisms. Its composition includes specific plant extracts, amino acids, peptides, polysaccharides, vitamins, and polyphenols. Algae are particularly significant due to their content of natural betaines, as are aloe and propolis extracts, which are recognized for their soothing properties and ability to strengthen natural defenses. ALMAQ operates via a complex mechanism known as SAR (Systemic Acquired Resistance), in which plant extracts act as elicitors that interact with specific plant cell receptors, triggering the production of natural protective compounds (phytoalexins). Furthermore, thanks to the presence of the macronutrients nitrogen and phosphorus, ALMAQ provides nutritional benefits that strengthen plant tissues, enabling them to offer greater physical and mechanical resistance against the penetration of stressors. Thanks to its unique formulation, ALMAQ stimulates plants to protect themselves against common fungal diseases; when applied regularly, it results in higher yields and superior produce quality.

- Induces the production of phytoalexins against pathogens and unfavorable soil-climatic conditions.
- Promotes the strengthening of the leaf blade, thereby enhancing natural resistance to abiotic and biotic stresses.
- Improves the overall health of the plants.
- Increases crop quality and yield.

REGISTRATION

SIAN Registry No. 0014349/15

COMPOSITION (% w/w)

Organic nitrogen (N) 0.3
Urea nitrogen (N) 2.7
Organic carbon (C) 10
Phosphorus pentoxide (P2O5) 30

PHYSICAL PROPERTIES

pH (1% solution) 2.15
Density (g/ml, 20°C) 1.22
Color Dark brown

FORMULATION

Soluble liquid

PACKAGING

1 kg bottle
5 kg canister
16 packs of 1 kg
4 packs of 5 kg

APPLICATION

Leafing
Radical



1 L



5 L

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 3 applications throughout the cycle	150 – 200 ml/100 L of water
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 3 applications throughout the cycle	5 – 7 L/ha

Precautions: Shake the product well before use. Conduct preliminary tests if mixing with other products. Adhere to the specified dosages. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in well-ventilated areas at temperatures between +5°C and +30°C.